



(43) International Publication Date
29 September 2005 (29.09.2005)

PCT

(10) International Publication Number
WO 2005/091125 A3

- (51) International Patent Classification⁷: G06F 3/033, 3/00**
- (21) International Application Number:** PCT/IL2005/000323
- (22) International Filing Date:** 22 March 2005 (22.03.2005)
- (25) Filing Language:** English
- (26) Publication Language:** English
- (30) Priority Data:**
161002 22 March 2004 (22.03.2004) IL
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

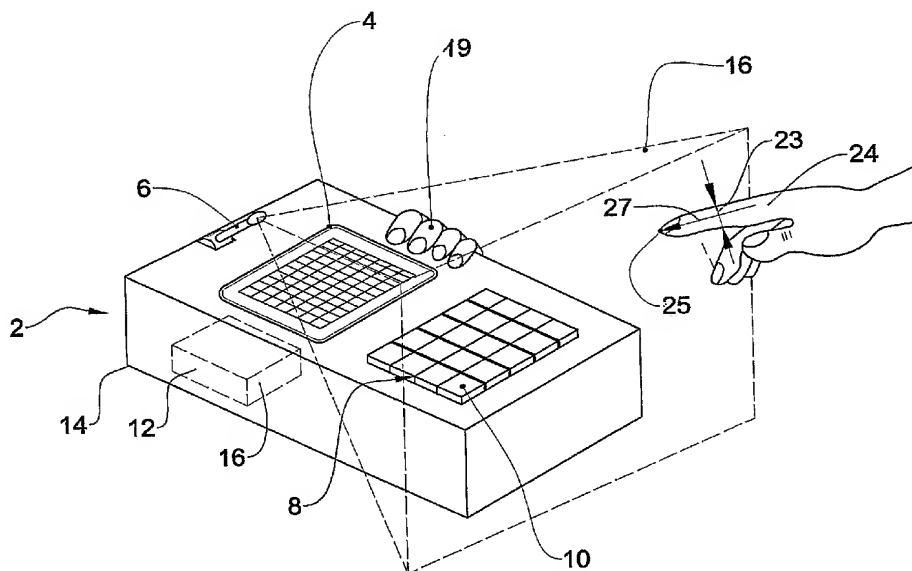
- (84) Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GE, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

- (54) Title:** SYSTEM AND METHOD FOR INPUTING USER COMMANDS TO A PROCESSOR



- (57) Abstract:** A system for inputting operation system (os) commands to a data processing device. The system comprises a video camera that captures images of a viewing space. A processor detects a predetermined object in the images using an object recognition algorithm not involving background information in an image. One or more image analysis parameters of the object are extracted from the images and one or more motion detection tests are applied. Each motion detection test has an associated OS command, and when a test succeeds, the OS command associated with the test is executed. By not relying on background information in an image, the system of the invention may be used in devices that are moved in use such as a palm pilot, personal digital assistant (PDA), a mobile telephone, a digital camera, and a mobile game machine.



(88) Date of publication of the international search report:
15 December 2005

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